

Title (en)

CONTROL OF VIDEO ENCODING BASED ON IMAGE CAPTURE PARAMETERS

Title (de)

STEUERUNG VON VIDEOKODIERUNG AUF DER BASIS VON BILDAUFNAHMEPARAMETERN

Title (fr)

COMMANDE DE CODAGE VIDÉO FONDÉ SUR DES PARAMÈTRES DE CAPTURE D'IMAGE

Publication

EP 2716042 A2 20140409 (EN)

Application

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Priority

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Abstract (en)

[origin: US2011292997A1] This disclosure describes techniques for improving functionalities of a back-end device, e.g., a video encoder, using parameters detected and estimated by a front-end device, e.g., a video camera. The techniques may involve estimating a blurriness level associated with frames captured during a refocusing process. Based on the estimated blurriness level, the quantization parameter (QP) used to encode blurry frames is adjusted either in the video camera or in the video encoder. The video encoder uses the adjusted QP to encode the blurry frames. The video encoder also uses the blurriness level estimate to adjust encoding algorithms by simplifying motion estimation and compensation in the blurry frames.

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Citation (search report)

See references of WO 2012162549A2

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